AMENDMENTS TO THE CLAIMS

Please cancel Claims 10 and 14; amend Claims 1, 3, 4, 6, 7 and 12; and add new Claims 16-20 as follows.

LISTING OF CLAIMS

1. (currently amended) A front end structure of an automotive vehicle having a front end and a rear end, the front end structure comprising a front end panel integrally formed from a resin and vehicle front end parts including at least a radiator for cooling engine cooling water and a heat exchanger for cooling refrigerant; wherein

the front end panel includes horizontally extending beams and is adapted to be fixed to a body of the automotive vehicle, said front end panel being open towards the rear end of the automotive vehicle;

the radiator and the heat exchanger are arranged in series with respect to air flow flowing through the radiator and the heat exchanger, the radiator and the heat exchanger being directly fixed to the front end panel;

said front end panel includes an inlet opening for introducing air into an engine compartment and a duct structure for preventing the air introduced from the inlet opening from bypassing the radiator and the heat exchanger, the front end panel being formed to enclose a circumference of the radiator and the heat exchanger;

the front end structure further comprising a fan unit fixed directly to the front end panel and arranged upstream of the radiator and the heat exchanger with respect to the air flow for blowing the air toward the radiator and the heat exchanger; and

the fan unit ~~is inserted into the front end structure from the rear end of the automotive vehicle~~ includes a shroud and an axial flow fan, the axial flow fan being disposed in a portion of the shroud facing the rear end of the automobile vehicle, said shroud being integral with said front end panel.

2. (cancelled)

3. (currently amended) A front end structure according to Claim 1, wherein said front end panel is integrally formed [[with]] to define a first air path for leading the air that has passed through said radiator into the engine compartment, and a second air path for leading the air that has passed through said radiator out of the engine compartment.

4. (currently amended) A front end structure of an automotive vehicle having a front end and a rear end, the front end structure comprising a front end panel integrally formed from a resin and vehicle front end parts including at least a radiator for cooling engine cooling water and a heat exchanger for cooling refrigerant; wherein

the front end panel includes horizontally extending beams and is adapted to be fixed to a body of the automotive vehicle, said front end panel being open towards the rear end of the automotive vehicle;

the radiator and the heat exchanger are arranged in series with respect to air flow flowing through the radiator and the heat exchanger, the radiator and the heat exchanger being fixed to the front end panel;

said front end panel includes an inlet opening for introducing air into the engine compartment, the front end panel being formed to enclose a circumference of the radiator and the heat exchanger;

the radiator and the heat exchanger are integrated with each other through a duct structural member for preventing the air introduced from the inlet opening from bypassing the radiator and the heat exchanger;

the front end structure further comprising a fan unit fixed directly to the front end panel and arranged upstream of the radiator and the heat exchanger with respect to the air flow for blowing air toward the radiator and the heat exchanger; and

the fan unit ~~is inserted into the front end structure from the rear end of the automotive vehicle~~ includes a shroud and an axial flow fan, the axial flow fan being disposed in a portion of the shroud facing the rear end of the automobile vehicle, said shroud being integral with said front end panel.

5. (cancelled)

6. (currently amended) A front end structure according to Claim 4, wherein said front end panel is integrally formed [[with]] to define a first air path for leading the air that has passed through said radiator into the engine compartment, and a second air path for leading the air that has passed through said radiator out of the engine compartment.

7. (currently amended) A front end structure according to Claim 1, wherein the ~~front end panel includes a~~ shroud ~~fro closing~~ closes a gap between the fan unit and the heat exchanger to prevent the air blown by the fan unit from bypassing the heat exchanger.

8. (previously presented) A front end structure according to Claim 1 wherein the duct structure extends further towards the front end of the vehicle than the fan unit.

9. (previously presented) A front end structure according to Claim 1 wherein the front end panel includes stays formed integrally with the front end panel for supporting the fan unit.

10. (cancelled)

11. (previously presented) A front end structure according to Claim 1 wherein the horizontally extending beams include an upper beam disposed on an upper side of the front end panel and a lower beam disposed on a lower side of the front end panel, the front end panel further including a pair of pillars extending vertically between the upper beam and the lower beam.

12. (currently amended) A front end structure according to Claim 4 wherein the duct ~~structure~~ structural member extends further towards the front end of the vehicle than the fan unit.

13. (previously presented) A front end structure according to Claim 4 wherein the front end panel includes stays formed integrally with the front end panel for supporting the fan unit.

14. (cancelled)

15. (previously presented) A front end structure according to Claim 4 wherein the horizontally extending beams include an upper beam disposed on an upper side of the front end panel and a lower beam disposed on a lower side of the front end panel, the front end panel further including a pair of pillars extending vertically between the upper beam and the lower beam.

16. (new) A front end structure of an automotive vehicle having a front end and a rear end, the front end structure comprising a front end panel integrally formed from a resin and vehicle front end parts including at least a radiator for cooling engine cooling water and a heat exchanger for cooling refrigerant; wherein

the front end panel includes horizontally extending beams and is adapted to be fixed to a body of the automotive vehicle, said front end panel being open towards the rear end of the automotive vehicle;

the radiator and the heat exchanger are arranged in series with respect to air flow flowing through the radiator and the heat exchanger, the radiator and the heat exchanger being directly fixed to the front end panel;

said front end panel includes an inlet opening for introducing air into an engine compartment and a duct structure for preventing the air introduced from the inlet opening from bypassing the radiator and the heat exchanger, the front end panel being formed to enclose a circumference of the radiator and the heat exchanger, the duct structure includes a rib disposed in a gap between the front end panel and at least one of the radiator and the heat exchanger;

the front end structure further comprising a fan unit arranged upstream of the radiator and the heat exchanger with respect to the air flow for blowing the air toward the radiator and the heat exchanger; and

the fan unit includes a shroud and an axial flow fan, the axial flow fan being disposed in a portion of the shroud facing the rear end of the automobile vehicle.

17. (new) A front end structure according to Claim 16, wherein said front end panel is integrally formed to define a first air path for leading the air that has passed through said radiator into the engine compartment, and a second air path for leading the air that has passed through said radiator out of the engine compartment.

18. (new) A front end structure according to Claim 16 wherein the duct structure extends further towards the front end of the vehicle than the fan unit.

19. (new) A front end structure according to Claim 16 wherein the horizontally extending beams include an upper beam disposed on an upper side of the front end panel and a lower beam disposed on a lower side of the front end panel, the front end

panel further including a pair of pillars extending vertically between the upper beam and the lower beam.

20. (new) A front end structure according to Claim 16 wherein the shroud is attached directly to one of the radiator and the heat exchanger.